# CONTENTS

## No. 1—May


PAGE

OBITUARY—CYRIL LESLIE OAKLEY (*Frontispiece*) . . . . . 1

WESTBY, S., F. MCGINTY and I. CARR. A quantitative microscopical study of tumour cell nuclei in lymphatic metastasis using a quantimet . . . . . 3

GARDINER, A. C. Mesangiocapillary glomerulonephritis in lambs. III. Quantitative and qualitative aspects of immunopathology (Plates I–IV) . . . . . 11

SHUMAKER, R. C., I. C. HSU and J. R. ALLEN. Localisation and tissue effects of tritiated dehydroretronecine in young rats (Plates V–VII) . . . . . 21

TILNEY, NICHOLAS L., PETER R. F. BELL and RODERICK N. M. MACSWEEN. Morphological changes in indefinitely surviving enhanced ectopic rat cardiac allografts (Plates VIII–XI) . . . . . 29

BASKERVILLE, A. The development and persistence of bronchial-gland hypertrophy and goblet-cell hyperplasia in the pig after injection of isoprenaline. . . . 35

HELDER, A. W., and THEA M. FELTKAMP-VROOM. Tubuloreticular structures and antinuclear antibodies in autoimmune and non-autoimmune diseases (Plates XII–XIV) . . . . . 49

BERDICEVSKY, ISRAELA, and MICHAEL SILBERMANN. Triamcinolone-induced systemic infections in female mice (Plates XV) . . . . . 57


## No. 2—June


FOX, B. Venous infarction of the adrenal glands (Plates XVI–XXII) . . . . 65

JONES, CAROLYN J. P., and H. FOX. An ultrastructural and ultrahistochemical study of the placenta of the diabetic woman (Plates XXIII–XXX) . . . . . 91

BROWNING, G. G., A. BUSUTTIL and A. MCCLAY. An improved method of reporting on laryngectomy specimens (Plates XXXI and XXXII) . . . . . 101

GOPINATH, C., and E. J. H. FORD. The influence of hepatic microsomal amidopyrine demethylase activity on halothane hepatotoxicity in the horse . . . . 105

VERESS, B., M. O. A. MALIK and A. M. EL HASSAN. Tumoural lipocalcinosis: a clinicopathological study of 20 cases (Plates XXXIII and XXXIV). . . . 113

COUP, A. J. Malakoplakia of the prostate (Plates XXXV–XXXVII) . . . . 119

TROWELL, J. E., and D. G. ARKELL. Osteosarcoma of the thyroid gland (Plates XXXVIII and XXXIX) . . . . . 123


## No. 3—July


SELA, J., J. A. BAB, E. ROSENMANN and J. H. BOSS. Experimental allergic sialoadenitis. VIII. Acute parotitis following intraductal instillation of antiserum to salivary antigens in the rat (Plate XL) . . . . . 129

CURRAN, R. C., and B. G. MCCANN. The ultrastructure of benign pigmented naevi and melanocarcinomas in man (Plates XLI–LXII) . . . . . 153

DEPORTER, D. A., F. CAPASSO and D. A. WILLOUGHBY. Effects of modification of intracellular cyclic AMP levels on the immediate hypersensitivity reaction *in vivo* 147

HOPWOOD, D., and D. A. LEVISON. Atrophy and apoptosis in the cyclical human endometrium (Plates LXIII–LXXII) . . . . . 159

MEACHIM, G. The state of knee meniscal fibrocartilage in Liverpool necropsies (Plates LXXIII–LXXVI) . . . . . 167

BUTLER, K., and G. P. LEWIS. The effect of anti-inflammatory compounds on the biochemical changes in the Arthus reaction . . . . . 175

ORYSCHAK, A. F., and F. N. GHADIALLY. Aurosome formation in articular tissues after parenteral administration of gold (Plates LXXVII and LXXVIII) . . 183

OBITUARY NOTICE—JAMES ROBERT MAITLAND INNES (Plate LXXIX) . . . 187

**No. 4—August**

ISAACSON, P. Mast cells in benign nerve sheath tumours (Plate LXXX) . . . 193

YATES, CELIA M., and HELEN WILSON. Some effects of phenacetin on the rat . . 197

HUGHESDON, P. G. The endometrial identity of benign stromatosis of the ovary and its relation to other forms of endometriosis (Plates LXXXI–LXXXVII) . . 201

SHARP, J. G., A. C. RICHES, VALERIE LITTLEWOOD and D. BRYNMOR THOMAS. The incidence, pathology and transplantation of hepatomas in CBA mice (Plates LXXXVIII–XC) . . . . . 211

MCGEOCH, J. E. M., and E. M. DARMADY. Polycystic disease of kidney, liver and pancreas: a possible pathogenesis (Plates XCI–XCVII) . . . . . 221

BREEZE, R. G., H. M. PIRIE, I. E. SELMAN and A. WISEMAN. Pulmonary arterial thrombo-embolism and pulmonary arterial mycotic aneurysms in cattle with vena caval thrombosis: a condition resembling the Hughes-Stovin syndrome (Plates XCVIII–C) . . . . . 229

PAPADIMITRIOU, J. M., and PATRICIA A. WYCHE. A biochemical profile of glass-adherent cell populations containing multinucleated foreign body giant cells . 239

BOOKS RECEIVED . . . . . 255